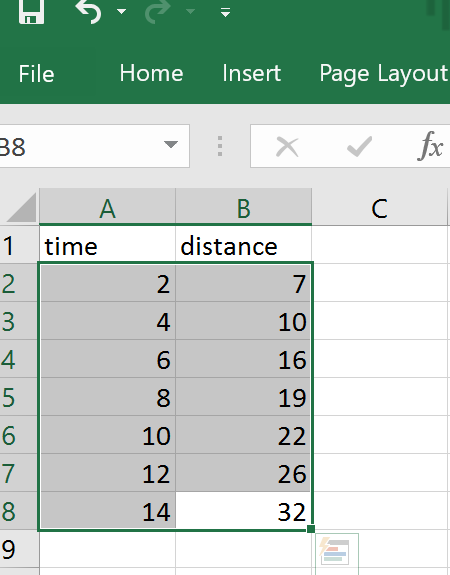
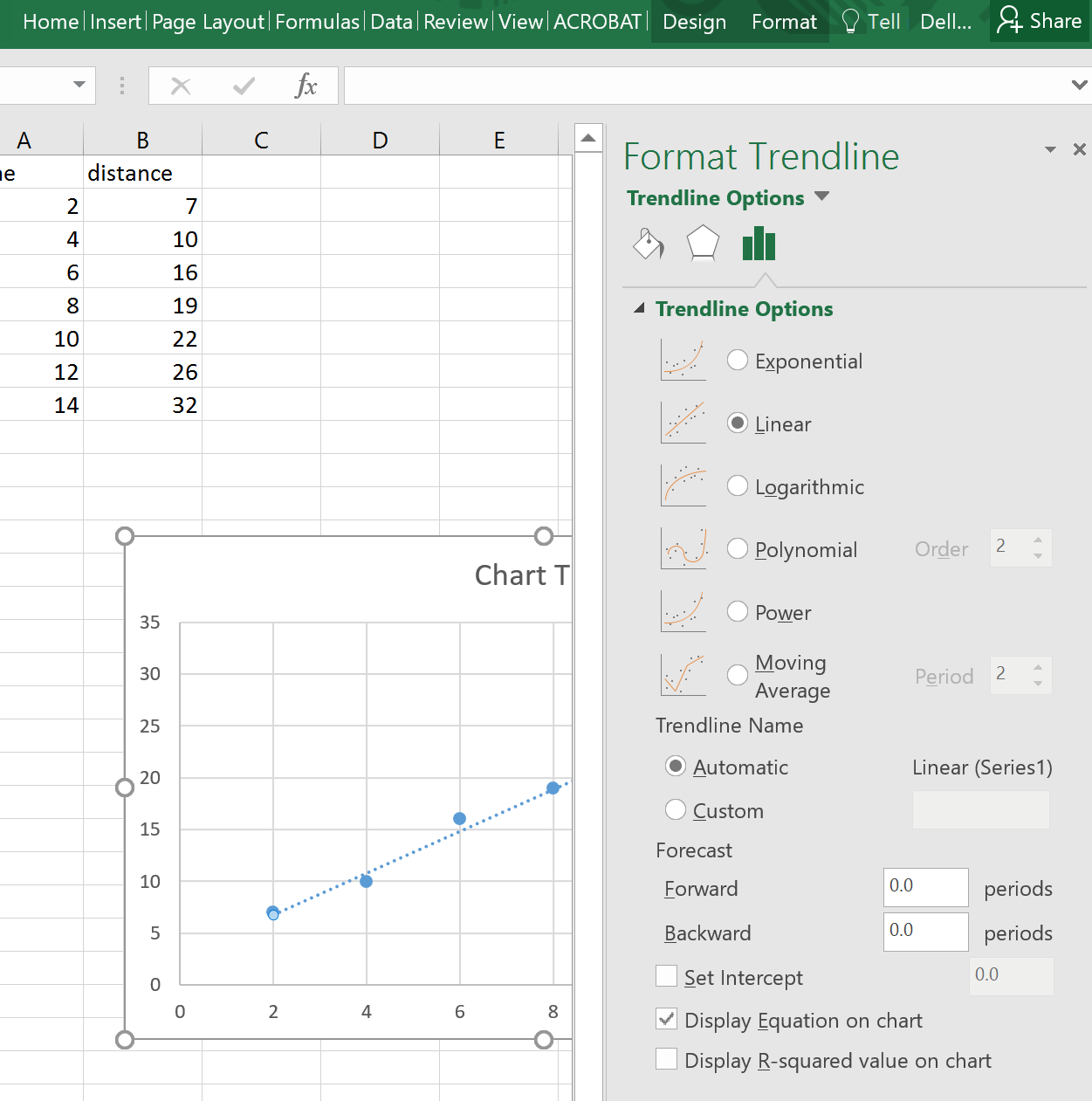
**Graphing with a Best Fit Line in Exel**

*  Put your data into two columns in excel, with the x (independent variable) in the left column)
* Highlight your data (not including the column titles)
* Click on “Insert”, then “Scatter Chart”, and then the first chart (the that gives you a plot with just the points, no line yet.)
* Click on data points so they become “x”s, then right click on one so a menu appears. Click on “Add Trendline”
* A “Format Trendline” menu will appear on the right. Choose “Linear”, “Automatic”, and “Display Equation on chart”
* The equation will be in y=mx+b format where “m” is the slope and “b” is the y-intercept.
* Change the chart title
* Click on the “+” to the right of the graph and you will be able to label your axis appropriately.